Docket No.: 6317P090D2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:

CHIWOE WAYNE LO, ET AL.

Application No.:

Filed:

For: Method and Apparatus for Multiple

Charged Particle Beams

Art Group: 2861

Examiner: Judy Nguyen

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure, enclosed is a copy of Information Disclosure Statement by Applicant (form PTO/SB/08), which is being submitted concurrently with the Divisional Application. It is respectfully requested that the cited references be considered and that the enclosed copy of PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s). Some or all of the references listed on the enclosed PTO/SB/08 were previously identified in the parent application (Application No. 09/898,318, filed July 2, 2001) and copies of the references were furnished at that time. Accordingly, per 37 CFR §1.98(d)(1) additional copies of those references are not submitted herewith.

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The submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made in the subject application and is not to be construed as an admission that the information cited in this statement is material to patentability.

Please charge any fees due to Deposit Account 02-2666. A duplicate copy of the Fee Transmittal (PTO/SB/17) is enclosed for this purpose.

Respectfully submitted,

Applied Materials, Inc.

Date: April 15, 2004

Tarek N. Fahmi, Reg. No. 41,402

Patent Counsel P.O. Box 450A Santa Clara, CA 95052 Telephone: (408) 947-8200

Complete if Known Substitute for form 1449A/PTO Application Number INFORMATION DISCLOSURE Filing Date First Named Inventor STATEMENT BY APPLICANT Chiwoe Wayne Lo Art Unit 2861 (use as many sheets as necessary) Examiner Name Judy Nguyen of **Sheet** 2 Attorney Docket Number 1 6317P090D2

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.1	Document Number Number - Kind Code² (if known)	Publication Date Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
 		US-6,593,584	07-15-2003	Krans et al.	
		US-6,369,385		Muray et al.	<u> </u>
		US-6,465,783	10-15-2002		
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FOREIGN PATENT DOCUMENTS							
Examiner	Cite	Foreign Patent Document			Pages, Columns, Lines,	т6	
Initials*	No.1	Country Code ³ - Number ⁴ - Kind Code ³ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear		
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^{*}Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

^{&#}x27;Applicant's unique citation designation number (optional). 'See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 'Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 'For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 'Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE				Co	Complete if Known		
				Application Number			
				Filing Date			
STATEMENT BY APPLICANT			CANT	First Named Inventor	Chiwoe Wayne Lo		
				Art Unit	2861		
				Examiner Name	Judy Nguyen		
Sheet	2	of	2	Attorney Docket Number	6317P090D2		

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No.¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²	
		T.R. GROVES, et al., "Distsributed, multiple variable shaped electron beam column for high throughput maskless lithography", J. Vac. Sci. Technol., B 16(6), Nov/Dec 2000, pp. 3168-3173		
		E. YIN, et al., "Electron optical column for a multicolumn, multibeam direct-write electron beam lithography system", J. Vac. Sci. Technol., B 18(6), Nov/Dec 2000, pp. 3126-3131		
		A. KHURSHEE, "Permanent magnet objective lenses for multicolumn electron-beam systems", Review of Scientific Instruments, Vol. 72, Number 4, April 2001, pp. 2106-2109		
		EIICHI GOTO et al., "MOL (moving objective lens) Formulation of deflective aberration free system", Optik, 48 (1977), No. 3, pp. 255-270		

Examiner	Date	
	Date	<u>'</u>
Signature	Considered	
Cignature	Considered	

Based on PTO/SB/08B (08-03) as modified by Blakely, Solokoff, Taylor & Zafman (wir) 08/11/2003. Send To: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

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